

Ship Oct 28

Work Order ID 136956

136956

Page 1

Tuesday, September 22, 2015 8:37:56 AM

Item ID: D120-637-012 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Heli-Access Step™, RH
 Start Date: 10/05/15 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 10/16/15 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: M Date: 15.9.22 Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D120-637	E

100 Document Control 0.00
 100 DOCUMENT CONTROL
 DC Memo 0.00
 Doc.Control -USB or Paperwork Photocopy bluefile & type labels per PPP D120-637-012 CHG003

DAS
9-89

Ship 15/10/21

MS 15-10-21

110 Pick Kit 0.00
 110 Packaging Memo 0.00
 Packaging

1X 15/10/16

DAS
36
9-89

DAS
28
9-89

120 QC4- 100% Inspect kits for completeness 0.00
 120 QC Memo 0.00
 Quality Control

Ship 15/10/21

B136962

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Work Order ID 136956

Tuesday, September 22, 2015 8:37:57 AM

136956

Page 2

Item ID: D120-637-012

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Heli-Access Step™, RH

Stop ***NS2***Start Date: 10/05/15 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 10/16/15 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00			DAS		DAS		
130					6	X	28		
Packaging	Memo	0.00			9-89		9-89		
Packaging	Identify and pack for shipping as per PPP D120-637-012								
	Location: <i>sold</i>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MUS OCT 2 8 2015*glt* 20151028

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition			Completed By																		
							Lead hand / Supervisor Approval Verification																		
							QC / QA Coordinator Approval																		
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																	
OTHER : ☐																									

Picklist Print

Tuesday, September 22, 2015 8:38:01 AM

Page 1

Work Order ID: 136956

136956

Parent Item: D120-637-012

D120-637-012

Parent Item Name: Heli-Access Step™, RH

Start Date: 10/05/15

Required Date: 10/16/15

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV;A NEW ISSUE 01.04.02 EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2274		Manufactured	No				Each	116.0000		8			DAS 36 9-89
D2274									**			OCT 16 2015	
Radius Block													
				<u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>				
				FG				12					
					86855			12					
				ST006				104					
					134217			104					
D2610-042		Manufactured	No				Each	0.0000		1			DAS 28 9-89
D2610-042									**				
Step, EC120 Step													
D2615-1		Manufactured	No				Each	68.0000		2			DAS 36 9-89
D2615-1									**			OCT 16 2015	
Mounting Lug													
				<u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>				
				Mezz				68					
					13280			4					
					14633			61					
					15026			3					
D2616-2		Manufactured	No				Each	6.0000		1			DAS 36 9-89
D2616-2									**			OCT 16 2015	
Mounting Lug													
				<u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>				
				Mezz				6					
					123914			2					
					80321			1					
					84767			1					
					97457			2					

DAS
28
9-89

DAS
28
9-89

DAS
36
9-89

DAS
36
9-89

DAS
28
9-89

B127579
(8x)

OCT 21 2014

2

1

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

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Page 2

Work Order ID: 136956

136956

Parent Item: D120-637-012

D120-637-012

Parent Item Name: Heli-Access Step™, RH

Start Date: 10/05/15

Required Date: 10/16/15

Start Qty: 1.00

Required Qty: 1.00

D2617-3

Manufactured No

Each

30.0000

1

D2617-3

Bushing

**

OCT 16 2015

DAS
36

9-89

ShB

Location

Loc Qty

Loc Code

FG

10

27991

10

ST008A

20

132912

20

D2617-5

Manufactured No

Each

19.0000

2

D2617-5

Spacer

**

OCT 16 2015

DAS
36

9-89

ShB

Location

Loc Qty

Loc Code

FG

10

31756

10

ST008A

9

134046

9

D2618

Manufactured No

Each

44.0000

2

D2618

Bushing

**

OCT 16 2015

DAS
36

9-89

ShB

Location

Loc Qty

Loc Code

ST008A

44

134931

44

D2619-041

Manufactured No

Each

46.0000

1

D2619-041

Cover

**

OCT 16 2015

DAS
36

9-89

ShB

Location

Loc Qty

Loc Code

Mezz

46

12337

2

14361

4

15391

40

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Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : ☐			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Page 3

Work Order ID: 136956

136956

Parent Item: D120-637-012

D120-637-012

Parent Item Name: Heli-Access Step™, RH

Start Date: 10/05/15

Required Date: 10/16/15

Start Qty: 1.00

Required Qty: 1.00

D2679

Manufactured No

Each

90.0000

2

OCT 16 2015

DAS
36
9-89

D2679

Ec 120 Step Clamp

Shp

Location

Loc Qty

Loc Code

Mezz

90

15032

2

15589

88

Each

206.0000

2

OCT 16 2015

DAS
36
9-89

D2681

Manufactured No

D2681

Step Clamp

Shp

Location

Loc Qty

Loc Code

Mezz

206

~~13100~~

1

15033

205

Each

60.0000

4

OCT 16 2015

DAS
36
9-89

AN4-11A

Purchased No

AN4-11A

BOLT

Shp

Location

Loc Qty

Loc Code

FG

20

120731

20

ST325A

40

M128362

40

DAS
28
9-89

Tuesday, September 22, 2015 8:38:01 AM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
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Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
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Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
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Misidentified ☐	Past Due ☐	OTHER : _____							

Picklist Print

Tuesday, September 22, 2015 8:38:01 AM

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Work Order ID: 136956

136956

Parent Item: D120-637-012

D120-637-012

Parent Item Name: Heli-Access Step™, RH

Start Date: 10/05/15

Required Date: 10/16/15

Start Qty: 1.00

Required Qty: 1.00

AN4-14A

Purchased

No

Each

272.0000

1

AN4-14A

Bolt

OCT 16 2015

DAS

36

9-89

DAS

28

9-89

SMB

Location

Loc Qty

Loc Code

FG

5

122141

5

ST325A

200

M132677

100

M133011

100

ST344

67

M132640

67

AN4-16A

Purchased

No

Each

199.0000

2

AN4-16A

Bolt

OCT 16 2015

DAS

36

9-89

DAS

28

9-89

SMB

Location

Loc Qty

Loc Code

FG

5

121541

5

ST325A

65

M133011

40

M133064

25

ST343

129

M132317

129

AN5-36A

Purchased

No

Each

49.0000

2

AN5-36A

Bolt

OCT 16 2015

DAS

36

9-89

DAS

28

9-89

SMB

Location

Loc Qty

Loc Code

ST299A

34

M131957

1

M132551

33

ST336

15

M130466

15

Tuesday, September 22, 2015 8:38:02 AM

Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
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Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
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Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

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Work Order ID: 136956

136956

Parent Item: D120-637-012

D120-637-012

Parent Item Name: Heli-Access Step™, RH

Start Date: 10/05/15

Required Date: 10/16/15

Start Qty: 1.00

Required Qty: 1.00

AN526C832R8

Purchased

No

Each

122.0000

3

OCT 16 2015

AN526C832R8

Screw

**

DAS
36

9-89
28
9-89

SmB

Location

Loc Qty

Loc Code

ST327

122

m129706

100

m129764

22

3

AN960JD8

NAS1149DN832J

Purchased

No

Each

0.0000

3

OCT 16 2015

AN960.ID8

Washer

**

DAS
36
9-89

NAS1149DN832J

Purchased

No

Each

1,574.000

3

OCT 16 2015

NAS1149DN832.J

Washer

**

DAS
36
9-89

SmB

Location

Loc Qty

Loc Code

CA

84

M129499

84

ST270

1490

M129541

153

M131697

1337

3

AN960JD416

NAS1149D0463J

Purchased

No

Each

0.0000

14

OCT 16 2015

AN960.ID416

Washer

**

DAS
36
9-89

SmB

DAS
28
9-89

Tuesday, September 22, 2015 8:38:02 AM

Shop Packet Print

Page 5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval																	
Description Work Order Deviation		Disposition		Completed By																	
				Lead hand / Supervisor Approval Verification																	
				QC / QA Coordinator Approval																	
<table style="width:100%; border: none;"> <tr> <td colspan="2" style="text-align: center; border-bottom: 1px solid black;">Root Cause</td> <td colspan="3" style="text-align: center; border-bottom: 1px solid black;">FAULT CATEGORY</td> </tr> <tr> <td style="width:15%; vertical-align: top;"> Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ </td> <td style="width:15%; vertical-align: top;"> No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐ </td> <td style="width:20%; vertical-align: top;"> Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ </td> <td style="width:20%; vertical-align: top;"> Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ </td> <td style="width:20%; vertical-align: top;"> Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ </td> <td style="width:20%; vertical-align: top;"> Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐ </td> </tr> <tr> <td colspan="4" style="border: none;"> OTHER : ☐ </td> </tr> </table>					Root Cause		FAULT CATEGORY			Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐					
Root Cause		FAULT CATEGORY																			
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OTHER : ☐																					

Picklist Print

Tuesday, September 22, 2015 8:38:02 AM

Page 6

Work Order ID: 136956

Parent Item: D120-637-012

Parent Item Name: Heli-Access Step™, RH

136956

D120-637-012

Start Date: 10/05/15

Required Date: 10/16/15

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0463J

Purchased

No

Each

2,605.000

14

NAS1149D0463.J

WASHER

OCT 16 2015
DAS 36
9-89

Location

Loc Qty

Loc Code

DAS

GA

41

28

M129390

41

9-89

ST260a

1000

M133077

1000

ST269

1564

M129682

86

M130799

371

M132035

94

M132317

125

M132677

888

AN960JD516

NAS1149D0563J

Purchased

No

Each

0.0000

4

AN960.ID516

Washer

OCT 16 2015
DAS 36
9-89

Handwritten signature and date: 10/16/15

DAS

36

9-89

DAS

28

9-89

Tuesday, September 22, 2015 8:38:02 AM

Shop Packet Print

Page 6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____		MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Description Work Order Deviation				Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
		OTHER : ☐ _____					

Picklist Print

Tuesday, September 22, 2015 8:38:02 AM

Page 7

Work Order ID: 136956

Parent Item: D120-637-012

Parent Item Name: Heli-Access Step™, RH

136956

D120-637-012

Start Date: 10/05/15

Required Date: 10/16/15

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0563J

Purchased

No

Each

1,047.000

4

NAS1149D0563.J

Washer

**

OCT 16 2015

DAS
36
9-89

Shp

Location

Loc Qty

Loc Code

GA

53

m125807

53

ST260a

428

m130799

63

m132035

55

m132256

10

m133134

300

ST269

547

m128257

156

m132677

391

ST271

19

m131026

19

DAS
28
9-89

4

Tuesday, September 22, 2015 8:38:02 AM

Shop Packet Print

Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Root Cause			FAULT CATEGORY																																																																												
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LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread																																																																										
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Misidentified ☐	☐ Past Due																																																																														

Picklist Print

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Page 8

Work Order ID: 136956

136956

Parent Item: D120-637-012

D120-637-012

Parent Item Name: Heli-Access Step™, RH

Start Date: 10/05/15

Required Date: 10/16/15

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

Each

1,708.000

7

MS21042L 4

Locknut

OCT 16 2015

DAS

36

9-89

Location

Loc Qty

Loc Code

FP001

2

m124231

2

GA

112

m127813

112

ST260a

170

m130799

56

m131803

6

m132262

108

ST305

1424

m128300

8

m130388

7

m130922

97

m131618

12

m132123

56

m132382

1244

7

MS21042L5

Purchased

No

Each

425.0000

2

MS21042L 5

Nut

OCT 16 2015

DAS

36

9-89

Location

Loc Qty

Loc Code

GA

146

m127813

146

ST260a

231

m132677

231

2

ST305

48

m127813

19

m131340

21

m132123

8

Tuesday, September 22, 2015 8:38:02 AM

Shop Packet Print

Page 8

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								



DESIGN KE	DRAWN BY KE	DART AEROSPACE LTD VICTORIA INTERNATIONAL AIRPORT, CANADA	
CHECKED may	APPROVED BW	DRAWING NO. D120-637	REV. E SHEET 1 OF 6
DATE 97.09.24		TITLE EC120 HELI-ACCESS-STEP	SCALE NTS
A	96.10.23	ORIGINAL ISSUE	
B	97.02.17	CHANGE FRONT MOUNT	
C	97.05.01	CHANGE AFT MOUNT TO CLEAR FAIRING	
D	97.05.19	CHANGE FRONT MOUNT	
E	97.09.24	CHANGE STEP LENGTH	

Qty -011	Qty -012	Qty -041	Qty -042	Part Number	Description
X				D120-637-011	STEP INSTALLATION LH
	X			D120-637-012	STEP INSTALLATION RH
1		X		D2610-041	STEP ASSEMBLY LH
	1		X	D2610-042	STEP ASSEMBLY RH
8	8			D2274	RADIUS BLOCK
2	2			D2615-1	MOUNTING LUG
1				D2616-1	MOUNTING LUG (LH)
	1			D2616-2	MOUNTING LUG (RH)
1	1			D2617-3	BUSHING
2	2			D2617-5	SPACER
2	2			D2618	BUSHING
1	1			D2619-041	COVER
		1	1	D2674-3	NUT PLATE
		1		D2678-041	STEP WELDMENT LH
			1	D2678-042	STEP WELDMENT RH
2	2			D2679	MOUNTING CLAMP
2	2			D2681	CLAMP
		1	1	D2682-041	SUPPORT PLATE
		1	1	D2683-041	FRONT MOUNT PLATE
4	4			AN4-11A	BOLT
1	1			AN4-14A	BOLT
2	2			AN4-16A	BOLT
2	2			AN5-36A	BOLT
3	3			AN526C832R8	SCREW
3	3			AN960JD8	WASHER
		2	2	AN960JD10L	WASHER
14	14			AN960JD416	WASHER
4	4			AN960JD516	WASHER
		2	2	MS20426AD3-5	RIVET
7	7			MS21042L4	NUT (OR MS21042-4)
2	2			MS21042L5	NUT (OR MS21042-5)
		2	2	MS24693-S272	SCREW (OR MS24693-C272)
		2	2	MS27039-1-09	SCREW
		5	5	M7885/3-4-3	RIVET (OR CR3212-4-3)

**AS9102 First Article Inspection
Form 1: Part Number Accountability**

Sheet 1 of 1

1a Supplier Code 5030341	1b Supplier Name Dart Aerospace LTD			1c Date Submitted October 28, 2015	1d Control Number ☒ 1 st Level ☐ Other Level
2a Detail or 1st Level Assy. Part No. D120-637-012	2b Rev E	2c Part Name EC 120 Heli- access Step RH	2d S.S. Req'd. B136956	2e FAI Complete (Date) October 21 st , 2015	

- a) if above is a DETAIL drawing, go to the next page "Raw Material/Special Process/Functional Test"
- b) if the 1st level drawing is an assembly drawing with no 2nd level assembly drawing, go to the "INDEX" section below.
- c) if there are 3 or more levels of drawings note the 2nd level assembly drawing, then to "Index" section below.

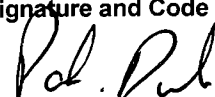
3a 2nd Level Assembly Part Number	3b Rev.	3c Part Name	3d S.S. Req'd.	3e FAI Complete (Date)
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Index of Part Numbers Required To Make The 1st or 2nd Level Assemblies Noted Above
List the level of all drawings, start with the Level 1 ASSEMBLY drawing.
List all sub-tier drawings following the next higher level drawing under which they appear.

4a Dwg Level	4b Part No.	4c Rev No	4d Control Number	4e Part Name	4f Supplier	4g S.S. Req.	4h FAI Complete Ck if in this Report
2nd	D2274	F	B127579	Radius Block	N/A	N/A	YES
2nd	D2615-1	D	B14633	Spacer	N/A	N/A	YES
2nd	D2616-2	D3	B84767	Mounting Lug RH	N/A	N/A	YES
2nd	D2617-3	D2	B132912	Bushing	N/A	N/A	YES
2nd	D2617-5	D2	B134046	Mounting Lug	N/A	N/A	YES
2nd	D2618	B1	B134931	Bushing	N/A	N/A	YES
2nd	D2619-041	C	B14361	Cover	N/A	N/A	YES
2nd	D2679	A	B15032	Mounting Clamp	N/A	N/A	YES
2nd	D2681	A	B15033	Clamp	N/A	N/A	YES
2nd	D2610-042	E	B136962	Step Assembly RH	N/A	N/A	YES

☒ See additional pages

5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition

Customer Signature and Code Number (if applicable) DAS 9 9-89 	Review Date	Customer Comments
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**AS9102 First Article Inspection
Form 1: Part Number Accountability**

Sheet 1 of 3

1a Supplier Code 5030341	1b Supplier Name Dart Aerospace LTD			1c Date Submitted October 28 th , 2015	1d Control Number ☒ 1 st Level ☐ Other Level
2a Detail or 1st Level Assy. Part No. D120-637-012	2b Rev E	2c Part Name EC 120 Heli-Access Step RH	2d S.S. Req'd. B136956	2e FAI Complete (Date) October 21 st , 2015	

- a) if above is a DETAIL drawing, go to the next page "Raw Material/Special Process/Functional Test"
- b) if the 1st level drawing is an assembly drawing with no 2nd level assembly drawing, go to the "INDEX" section below.
- c) if there are 3 or more levels of drawings note the 2nd level assembly drawing, then to "Index" section below.

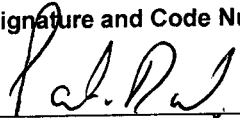
3a 2nd Level Assembly Part Number D2274	3b Rev. F	3c Part Name Radius Block	3d S.S. Req'd. B127579	3e FAI Complete (Date) October 21 st , 2015
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Index of Part Numbers Required To Make The 1st or 2nd Level Assemblies Noted Above
List the level of all drawings, start with the Level 1 ASSEMBLY drawing.
List all sub-tier drawings following the next higher level drawing under which they appear.

4a Dwg Level	4b Part No.	4c Rev No	4d Control Number	4e Part Name	4f Supplier	4g S.S. Req.	4h FAI Complete Ck if in this Report
2nd	D2274	F	B127579	Radius Block	N/A	N/A	YES

☒ See additional pages

5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition

Customer Signature and Code Number (if applicable) DAS 9 9-89 	Review Date	Customer Comments
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AS9102 First Article Inspection**Form 2: Product Accountability – Raw Material, Special Process, Functional Testing**

1a Highest Level Part Number This Page D2274		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2274	6061T6B0.750"x0.125" QQ-A-225/8 or ASTMB221	M131653 / PO27512 M129167 / PO24147		PER QSI 009, 011, 012 and PER QSP 006, 008,010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044
	WEIGHT OF PART	PER DWG. .005 lbs.		PER QSI 009, 011, 012 AND PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration	3c Functional Testing Describe Frequency, Criteria		
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

Page 3 of 3				AS9102: FAI Form 3: Characteristic Accountability, Verification and Compatibility Evaluation						1e Control No. F.A.I.R. D120-637-012		
1a Part Number: D2274				1f FAI ☒ ☐ Other: Date: October 21 th , 2015 Case Records:		1g Dwg. Rev.: F		1h Product Acceptance Plan				
1b Supplier: Dart Aerospace LTD						CIDs.: N/A		Date:	Rev:	By:	To:	Description:
1c Customer Supplier Code: 5030341						Prepared by: Patrick Duval						
1d Dwg Rev: F CIDs: N/A						Customer Review:						
2 Characteristic Accountability					3 Inspection / Test Results			4 Product Acceptance			5 Compatibility Evaluation	
2a Char No *	2B Drawing Requirement	2c Zone	2d Class		3a Results (Variable Data)	3b Measurement Equipment		4a Op. No.	4b. Accept Plan	4c Justification for <100% Evaluation	5a Supplier Process Document Requirement	5b Same Y/N
						FAI	Production					
	Ø.257"	N/A	N/A		+0.005 -0.001"	0.258"	SL-08 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.750"	N/A	N/A		+/-0.010"	0.750"	SL-08 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.375"	N/A	N/A		+/-0.010"	0.372"	SL-08 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.125"	N/A	N/A		+/-0.010"	0.123"	SL-08 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.750"	N/A	N/A		+/-0.010"	0.747"	SL-08 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.063"	N/A	N/A		+/-0.010"	0.060"	SL-08 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	

* Note: Identify Key Characteristics (KC) With an Asterisk (*).

**AS9102 First Article Inspection
Form 1: Part Number Accountability**

Sheet 1 of 3

1a Supplier Code 5030341	1b Supplier Name Dart Aerospace LTD			1c Date Submitted October 28 th , 2015	1d Control Number ☒ 1 st Level ☐ Other Level
2a Detail or 1st Level Assy. Part No. D120-637-012	2b Rev E	2c Part Name EC 120 Heli-Access Step RH	2d S.S. Req. B136956	2e FAI Complete (Date) October 21 st , 2015	

- a) if above is a DETAIL drawing, go to the next page "Raw Material/Special Process/Functional Test"
- b) if the 1st level drawing is an assembly drawing with no 2nd level assembly drawing, go to the "INDEX" section below.
- c) if there are 3 or more levels of drawings note the 2nd level assembly drawing, then to "Index" section below.

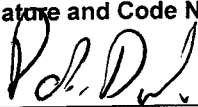
3a 2nd Level Assembly Part Number D2615-1	3b Rev. D	3c Part Name Mounting Lug	3d S.S. Req. B14633	3e FAI Complete (Date) October 21 th , 2015
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Index of Part Numbers Required To Make The 1st or 2nd Level Assemblies Noted Above
List the level of all drawings, start with the Level 1 ASSEMBLY drawing.
List all sub-tier drawings following the next higher level drawing under which they appear.

4a Dwg Level	4b Part No.	4c Rev No	4d Control Number	4e Part Name	4f Supplier	4g S.S. Req.	4h FAI Complete Ck if in this Report
2nd	D2615-1	D	B14633	Mounting Lug	N/A	N/A	YES

☒ See additional pages

5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition

Customer Signature and Code Number (if applicable) DAS 9 9-89 	Review Date	Customer Comments
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AS9102 First Article Inspection**Form 2: Product Accountability – Raw Material, Special Process, Functional Testing**

1a Highest Level Part Number This Page D2615-1		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2615-1	D2423 Extrusion 6061T6 QQ-A-200/8	B30062 / PO 2770		PER QSI 009, 011, 012 and PER QSP 006, 008, 010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044 METHOD
	WEIGHT OF PART	PER DWG. .19 lbs.		PER QSI009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration		3c Functional Testing Describe Frequency, Criteria	
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

Page 3 of 3		AS9102: FAI Form 3: Characteristic Accountability, Verification and Compatibility Evaluation							1e Control No. F.A.I.R. D120-637-012			
1a Part Number: D2615-1				1f FAI ☒ ☐ Other: Date: October 21 th , 2015 Case Records:		1g Dwg. Rev.: D		1h Product Acceptance Plan				
1b Supplier: Dart Aerospace LTD						CIDs.: N/A		Date:	Rev:	By:	To:	Description:
1c Customer Supplier Code: 5030341						Prepared by: Patrick Duval						
1d Dwg Rev: D CIDs: N/A						Customer Review:						
2 Characteristic Accountability					3 Inspection / Test Results			4 Product Acceptance			5 Compatibility Evaluation	
2a Char No *	2B Drawing Requirement	2c Zone	2d Class	3a Results (Variable Data)	3b Measurement Equipment		4a Op. No.	4b. Accept Plan	4c Justification for <100% Evaluation	5a Supplier Process Document Requirement	5b Same Y/N	
					FAI	Production						
	0.400"	N/A	N/A	+/- .010"	0.400"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	3.700"	N/A	N/A	+/- .010"	3.700"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	4.500"	N/A	N/A	+/- .010"	4.505"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	0.400"	N/A	N/A	+/- .010"	0.405"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	0.505"	N/A	N/A	+ .005" - .000"	0.506"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	2.000"	N/A	N/A	+/- .010"	2.000"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	2.400"	N/A	N/A	+/- .010"	2.405"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	0.050"x45° Chamfer	N/A	N/A	+/- .010" +/- 1/2°	0.050"x45°	QCI-07 CALIPER & BEVEL GAUGE			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	R.125"	N/A	N/A	+/- .010"	0.125"	RADIUS GAUGE			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	φ.257"	N/A	N/A	+ .005" - .001"	0.257"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	0.750"	N/A	N/A	+/- .010"	0.755"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		

* Note: Identify Key Characteristics (KC) With an Asterisk (*).

Sheet 1 of 4

1a Supplier Code 5030341		1b Supplier Name Dart Aerospace LTD		1c Date Submitted October 28 th , 2015		1d Control Number ☒ 1 st Level ☐ Other Level	
2a Detail or 1 st Level Assy. Part No. D120-637-012		2b Rev E	2c Part Name EC 120 Heli-Access Step RH	2d S.S. Req'd. B136956	2e FAI Complete (Date) October 21 st , 2015		
a) if above is a DETAIL drawing, go to the next page "Raw Material/Special Process/Functional Test" b) if the 1st level drawing is an assembly drawing with no 2nd level assembly drawing, go to the "INDEX" section below. c) if there are 3 or more levels of drawings note the 2nd level assembly drawing, then to "Index" section below.							
3a 2 nd Level Assembly Part Number D2616-2		3b Rev. D3	3c Part Name Mounting Lug (RH)		3d S.S. Req'd. B84767	3e FAI Complete (Date) October 21 st , 2015	
Index of Part Numbers Required To Make The 1st or 2nd Level Assemblies Noted Above List the level of all drawings, start with the Level 1 ASSEMBLY drawing. List all sub-tier drawings following the next higher level drawing under which they appear.							
4a Dwg Level	4b Part No.	4c Rev No	4d Control Number	4e Part Name	4f Supplier	4g S.S. Req.	4h FAI Complete Ck if in this Report
2nd	D2616-2	D3	B84767	Mounting Lug (RH)	N/A	N/A	YES
☒ See additional pages							
5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition							
Customer Signature and Code Number (if applicable) DAS 9 0.00				Review Date	Customer Comments		

AS9102 First Article Inspection

Form 2: Product Accountability – Raw Material, Special Process, Functional Testing

1a Highest Level Part Number This Page D2616-2		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 4
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2616-2	6061T6B1.000x2.000" QQ-A-225/8 or ASTM B221	M122081 / PO17172		PER QSI 009, 011, 012 and PER QSP 006, 008, 010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044 METHOD
	WEIGHT OF PART .18 lbs.	PER DWG. .17 lbs.		PER QSI009, 011, 012 and PER QSP 006, 008, 010
D2611	McMASTER CAR P/N 63215K34	B84057 / PO16880		PER QSI 009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration		3c Functional Testing Describe Frequency, Criteria	
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

Page 4 of 4					AS9102 FAI: Characteristic Accountability, Verification and Compatibility Evaluation Continuation of Form 3					1e Control No. F.A.I.R D120-637-012		
1a Part Number: D2616-2										Supplier: Dart Aerospace LTD 5030341		
2 Characteristic Accountability					3 Inspection / Test Results			4 Product Acceptance			5 Compatibility Evaluation	
2a Char No *	2B Drawing Requirement	2c Zone	2d Class		3a Results (Variable Data)	3b Measurement Equipment		4a Op. No.	4b. Accept Plan	4c Justification for <100% Evaluation	5a Supplier Process Document Requirement	5b Same Y/N
						FAI	Production					
	R.063"	N/A	N/A		N/A	0.063"	RADIUS GAUGE			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.8115" – Ø.8120"	N/A	N/A		N/A	0.8115"	RQ-02 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	

* Note: Identify Key Characteristics (KC) With an Asterisk (*).

AS9102 First Article Inspection
Form 1: Part Number Accountability

Sheet 1 of 3

1a Supplier Code 5030341	1b Supplier Name Dart Aerospace LTD			1c Date Submitted October 28 th , 2015	1d Control Number ☒ 1 st Level
2a Detail or 1st Level Assy. Part No. D120-637-012	2b Rev E	2c Part Name EC 120 Heli-Access Step RH	2d S.S. Req'd. B136956	2e FAI Complete (Date) October 21 st , 2015	☐ Other Level

- a) if above is a DETAIL drawing, go to the next page "Raw Material/Special Process/Functional Test"
- b) if the 1st level drawing is an assembly drawing with no 2nd level assembly drawing, go to the "INDEX" section below.
- c) if there are 3 or more levels of drawings note the 2nd level assembly drawing, then to "Index" section below.

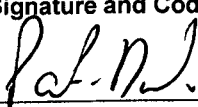
3a 2nd Level Assembly Part Number D2617-3	3b Rev. D2	3c Part Name Bushing	3d S.S. Req'd. B132912	3e FAI Complete (Date) October 21 st , 2015
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Index of Part Numbers Required To Make The 1st or 2nd Level Assemblies Noted Above
List the level of all drawings, start with the Level 1 ASSEMBLY drawing.
List all sub-tier drawings following the next higher level drawing under which they appear.

4a Dwg Level	4b Part No.	4c Rev No	4d Control Number	4e Part Name	4f Supplier	4g S.S. Req.	4h FAI Complete Ck if in this Report
2nd	D2617-3	D2	B132912	Bushing	N/A	N/A	YES

☒ See additional pages

5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition

Customer Signature and Code Number (if applicable) DAS 9 9-89 	Review Date	Customer Comments
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AS9102 First Article Inspection

Form 2: Product Accountability – Raw Material, Special Process, Functional Testing

1a Highest Level Part Number This Page D2617-3		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2617-3	6061T60.375"W0.058" WW-T-700/6 or AMS 4082	M131660 / PO27510		PER QSI 009, 011, 012 and PER QSP 006, 008, 010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG		PER QSI 044 METHOD
	WEIGHT OF PART	PER DWG. .004 lbs.		PER QSI009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration		3c Functional Testing Describe Frequency, Criteria	
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

*** Note: Identify Key Characteristics (KC) With an Asterisk (*).**

Sheet 1 of 3

[illegible]

AS9102 First Article Inspection**Form 2: Product Accountability – Raw Material, Special Process, Functional Testing**

1a Highest Level Part Number This Page D2617-5		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2617-5	6061T60.500"W0.058" WW-T-700/6 or AMS4082	M130355 / PO25662		PER QSI 009, 011, 012 and PER QSP 006, 008, 010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG		PER QSI 044
	WEIGHT OF PART	PER DWG. .001 lbs.		PER QSI 009, 011, 012 AND PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration	3c Functional Testing Describe Frequency, Criteria		
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

*** Note: Identify Key Characteristics (KC) With an Asterisk (*).**

Sheet 1 of 3

[illegible]

AS9102 First Article Inspection**Form 2: Product Accountability – Raw Material, Special Process, Functional Testing**

1a Highest Level Part Number This Page D2618		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2618	MDELRI0.750" DELRI II isoe or ACETRON GP ACETAL	M131706 / PO27620		PER QSI 009, 011, 012 and PER QSP 006, 008, 010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044 METHOD
	WEIGHT OF PART	PER DWG. .01 lbs.		PER QSI009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration	3c Functional Testing Describe Frequency, Criteria		
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

AS9102 First Article Inspection
Form 1: Part Number Accountability

Sheet 1 of 3

1a Supplier Code 5030341	1b Supplier Name Dart Aerospace LTD			1c Date Submitted October 28 th , 2015	1d Control Number ☒ 1 st Level ☐ Other Level
2a Detail or 1st Level Assy. Part No. D120-637-012	2b Rev E	2c Part Name EC 120 Heli-Access Step RH	2d S.S. Req'd. B136956	2e FAI Complete (Date) October 21 st , 2015	

- a) if above is a DETAIL drawing, go to the next page "Raw Material/Special Process/Functional Test"
- b) if the 1st level drawing is an assembly drawing with no 2nd level assembly drawing, go to the "INDEX" section below.
- c) if there are 3 or more levels of drawings note the 2nd level assembly drawing, then to "Index" section below.

3a 2nd Level Assembly Part Number D2619-041	3b Rev. C	3c Part Name Cover	3d S.S. Req'd. B14361	3e FAI Complete (Date) October 21 th , 2015
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Index of Part Numbers Required To Make The 1st or 2nd Level Assemblies Noted Above
List the level of all drawings, start with the Level 1 ASSEMBLY drawing.
List all sub-tier drawings following the next higher level drawing under which they appear.

4a Dwg Level	4b Part No.	4c Rev No	4d Control Number	4e Part Name	4f Supplier	4g S.S. Req.	4h FAI Complete Ck if in this Report
2nd	D2619-1	C	B14361	Cover	N/A	N/A	YES
2nd	D2674-1	B	B15407	Nut Plate	N/A	N/A	YES

☒ See additional pages

5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition

Customer Signature and Code Number (if applicable) DAS 9 9-89 	Review Date	Customer Comments
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Form 2: Product Accountability – Raw Material, Special Process, Functional Testing

1a Highest Level Part Number This Page D2619-1		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3	
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options	
D2619-1	D2622 EXTRUSION QQ-Q-200/8	B22364 / PO7530		PER QSI 009, 011, 012 and PER QSP 006, 008, 010	
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044 METHOD	
	WEIGHT OF PART	PER DWG. .10 lbs.		PER QSI009, 011, 012 and PER QSP 006, 008, 010	
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration		3c Functional Testing Describe Frequency, Criteria		
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request					

Page 3 of 3				AS9102: FAI Form 3: Characteristic Accountability, Verification and Compatibility Evaluation						1e Control No. F.A.I.R. D120-637-012		
1a Part Number: D2619-1				1f FAI ☒ ☐		1g Dwg. Rev.: C		1h Product Acceptance Plan				
1b Supplier: Dart Aerospace LTD				Other:		CIDs.: N/A		Date:	Rev:	By:	To:	Description:
1c Customer Supplier Code: 5030341				Date: October 21 st , 2015		Prepared by: Patrick Duval						
1d Dwg Rev: C CIDs: N/A				Case Records:		Customer Review:						
2 Characteristic Accountability				3 Inspection / Test Results				4 Product Acceptance			5 Compatibility Evaluation	
2a Char No *	2B Drawing Requirement	2c Zone	2d Class		3a Results (Variable Data)	3b Measurement Equipment		4a Op. No.	4b. Accept Plan	4c Justification for <100% Evaluation	5a Supplier Process Document Requirement	5b Same Y/N
						FAI	Production					
	R.13" (TYP)	N/A	N/A		+/- .030"	0.13"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.172"	N/A	N/A		+ .005" - .001"	0.173"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.31"	N/A	N/A		+/- .030"	0.311"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	1.00"	N/A	N/A		+/- .030"	1.005"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	3.23" (REF)	N/A	N/A		+/- .030"	3.25"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	2.56"	N/A	N/A		+/- .030"	2.57"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	1.19"	N/A	N/A		+/- .030"	1.214"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.81"	N/A	N/A		+/- .030"	0.82"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	R.50"	N/A	N/A		+/- .030"	0.50"	RADIUS GAUGE			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.098" Ø.170"x 100° c'sink	N/A	N/A		+ .005" - .001" +/- 1/2°	0.098" C.170"x100°	QCI-07 CALIPER & BEVEL GAUGE			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	48°	N/A	N/A		+/- 1/2°	48°	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	1.75"	N/A	N/A		+/- .030"	1.749"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.23"	N/A	N/A		+/- .030"	0.226"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	

* Note: Identify Key Characteristics (KC) With an Asterisk (*).

Sheet 1 of 3

1a Supplier Code 5030341		1b Supplier Name Dart Aerospace LTD		1c Date Submitted October 28 th , 2015		1d Control Number ☒ 1 st Level ☐ Other Level	
2a Detail or 1 st Level Assy. Part No. D2619-041		2b Rev C	2c Part Name Front Cover	2d S.S. Req'd. B14361	2e FAI Complete (Date) October 21 st , 2015		
a) if above is a DETAIL drawing, go to the next page "Raw Material/Special Process/Functional Test" b) If the 1'st level drawing is an assembly drawing with no 2nd level assembly drawing, go to the "INDEX" section below. c) if there are 3 or more levels of drawings note the 2nd level assembly drawing, then to "Index" section below.							
3a 2 nd Level Assembly Part Number D2674-1		3b Rev. B1	3c Part Name Nut plate		3d S.S. Req'd. B15407	3e FAI Complete (Date) October 21 th , 2015	
Index of Part Numbers Required To Make The 1st or 2nd Level Assemblies Noted Above List the level of all drawings, start with the Level 1 ASSEMBLY drawing. List all sub-tier drawings following the next higher level drawing under which they appear.							
4a Dwg Level	4bPart No.	4c Rev No	4d Control Number	4e Part Name	4f Supplier	4g S.S. Req.	4h FAI Complete Ck if in this Report
2nd	D2674-1	B1	B15407	Nut plate	N/A	N/A	YES
☒ See additional pages							
5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition							
Customer Signature and Code Number (if applicable)				Review Date	Customer Comments		
DAS 9 9-89							

AS9102 First Article Inspection**Form 2: Product Accountability – Raw Material, Special Process, Functional Testing**

1a Highest Level Part Number This Page D2674-1		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2674-1	2024T3S0.063" QQ-A-250/5 or AMS4037	M119916 / PO15551		PER QSI 009, 011, 012 and PER QSP 006, 008, 010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044 METHOD
	WEIGHT OF PART	PER DWG. N/A		PER QSI009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration		3c Functional Testing Describe Frequency, Criteria	
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

*** Note: Identify Key Characteristics (KC) With an Asterisk (*).**

**AS9102 First Article Inspection
Form 1: Part Number Accountability**

Sheet 1 of 3

1a Supplier Code 5030341	1b Supplier Name Dart Aerospace LTD			1c Date Submitted October 28 th , 2015	1d Control Number ☒ 1 st Level ☐ Other Level
2a Detail or 1st Level Assy. Part No. D120-637-012	2b Rev E	2c Part Name EC 120 Heli-Access Step RH	2d S.S. Req'd. B136956	2e FAI Complete (Date) October 21 st , 2015	

- a) if above is a DETAIL drawing, go to the next page "Raw Material/Special Process/Functional Test"
- b) if the 1st level drawing is an assembly drawing with no 2nd level assembly drawing, go to the "INDEX" section below.
- c) if there are 3 or more levels of drawings note the 2nd level assembly drawing, then to "Index" section below.

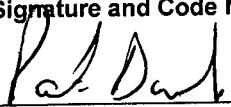
3a 2nd Level Assembly Part Number D2679	3b Rev. A	3c Part Name Mounting Clamp	3d S.S. Req'd. B15032	3e FAI Complete (Date) October 21 st , 2015
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Index of Part Numbers Required To Make The 1st or 2nd Level Assemblies Noted Above
List the level of all drawings, start with the Level 1 ASSEMBLY drawing.
List all sub-tier drawings following the next higher level drawing under which they appear.

4a Dwg Level	4b Part No.	4c Rev No	4d Control Number	4e Part Name	4f Supplier	4g S.S. Req.	4h FAI Complete Ck if in this Report
2nd	D2679	A	B15032	Mounting Clamp	N/A	N/A	YES

☒ See additional pages

5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition

Customer Signature and Code Number (if applicable) DAS 9 9-89 	Review Date	Customer Comments
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AS9102 First Article Inspection

Form 2: Product Accountability – Raw Material, Special Process, Functional Testing

1a Highest Level Part Number This Page D120-637-012		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2679	M304S16ga ASTM A240 or AMS5513	M122245 / PO17251		PER QSI 009, 011, 012 and PER QSP 006, 008, 010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044 METHOD
	WEIGHT OF PART	PER DWG. .13 lbs.		PER QSI009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration		3c Functional Testing Describe Frequency, Criteria	
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

Page 3 of 3				AS9102: FAI Form 3: Characteristic Accountability, Verification and Compatibility Evaluation						1e Control No. F.A.I.R. D120-637-012		
1a Part Number: D2679				1f FAI ☒ ☐ Other: Date: October 21 th , 2015 Case Records:		1g Dwg. Rev.: A		1h Product Acceptance Plan				
1b Supplier: Dart Aerospace LTD						CIDs.: N/A		Date:	Rev:	By:	To:	Description:
1c Customer Supplier Code: 5030341						Prepared by: Patrick Duval						
1d Dwg Rev: A CIDs: N/A						Customer Review:						
2 Characteristic Accountability				3 Inspection / Test Results				4 Product Acceptance			5 Compatibility Evaluation	
2a Char No *	2B Drawing Requirement	2c Zone	2d Class	3a Results (Variable Data)	3b Measurement Equipment		4a Op. No.	4b. Accept Plan	4c Justification for <100% Evaluation	5a Supplier Process Document Requirement	5b Same Y/N	
					FAI	Production						
	9.822" END-END	N/A	N/A	+/- .010"	9.820"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	9.022" HOLE-HOLE	N/A	N/A	+/- .010"	9.020"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	1.000"	N/A	N/A	+/- .010"	1.000"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	0.773"	N/A	N/A	+/- .010"	0.773"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	R.063" (TYP)	N/A	N/A	+/- .010"	0.063"	RADIUS GAUGE			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	Ø.257" (REF)	N/A	N/A	+ .005" - .001"	0.261"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		
	4.00" (REF)	N/A	N/A	+/- .030"	4.015"	PD-2 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008		

* Note: Identify Key Characteristics (KC) With an Asterisk (*).

Sheet 1 of 3

1a Supplier Code 5030341		1b Supplier Name Dart Aerospace LTD		1c Date Submitted October 28 th , 2015		1d Control Number ☒ 1 st Level ☐ Other Level	
2a Detail or 1 st Level Assy. Part No. D120-637-012		2b Rev E	2c Part Name EC 120 Heli-Access Step RH	2d S.S. Req'd. B136956	2e FAI Complete (Date) October 21 th , 2015		
a) if above is a DETAIL drawing, go to the next page "Raw Material/Special Process/Functional Test" b) if the 1st level drawing is an assembly drawing with no 2nd level assembly drawing, go to the "INDEX" section below. c) if there are 3 or more levels of drawings note the 2nd level assembly drawing, then to "Index" section below.							
3a 2 nd Level Assembly Part Number D2681		3b Rev. A	3c Part Name Clamp		3d S.S. Req'd. B15033	3e FAI Complete (Date) October 21 st , 2015	
Index of Part Numbers Required To Make The 1st or 2nd Level Assemblies Noted Above List the level of all drawings, start with the Level 1 ASSEMBLY drawing. List all sub-tier drawings following the next higher level drawing under which they appear.							
4a Dwg Level	4bPart No.	4c Rev No	4d Control Number	4e Part Name	4f Supplier	4g S.S. Req.	4h FAI Complete Ck if in this Report
2nd	D2681	A	B15033	Clamp	N/A	N/A	YES
☒ See additional pages							
5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition							
Customer Signature and Code Number (if applicable)				Review Date		Customer Comments	
DAS 9 Q.RG [Signature]							

AS9102 First Article Inspection

Form 2: Product Accountability – Raw Material, Special Process, Functional Testing

1a Highest Level Part Number This Page D2681		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2681	M304S16ga ASTM A240 or AMS5513	M122245 / PO17251		PER QSI 009, 011, 012 and PER QSP 006, 008, 010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044 METHOD
	WEIGHT OF PART	PER DWG. .08 lbs.		PER QSI009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration		3c Functional Testing Describe Frequency, Criteria	
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

Page 3 of 3				AS9102: FAI Form 3: Characteristic Accountability, Verification and Compatibility Evaluation						1e Control No. F.A.I.R. D120-637-012		
1a Part Number: D2681				1f FAI ☒ ☐ Other: Date: October 21 th , 2015 Case Records:		1g Dwg. Rev.: A		1h Product Acceptance Plan				
1b Supplier: Dart Aerospace LTD						CIDs.: N/A		Date:	Rev:	By:	To:	Description:
1c Customer Supplier Code: 5030341						Prepared by: Patrick Duval						
1d Dwg Rev: A CIDs: N/A						Customer Review:						
2 Characteristic Accountability					3 Inspection / Test Results			4 Product Acceptance			5 Compatibility Evaluation	
2a Char No *	2B Drawing Requirement	2c Zone	2d Class		3a Results (Variable Data)	3b Measurement Equipment		4a Op. No.	4b. Accept Plan	4c Justification for <100% Evaluation	5a Supplier Process Document Requirement	5b Same Y/N
						FAI	Production					
	6.748" END - END	N/A	N/A		+/- .010"	6.750"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	5.948" HOLE - HOLE	N/A	N/A		+/- .010"	5.950"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	3.700"	N/A	N/A		+/- .010"	3.704"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.750"(REF)	N/A	N/A		+/- .010"	0.749"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	φ.257"	N/A	N/A		+ .005" - .001"	0.260"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	4.000"(REF)	N/A	N/A		+/- .010"	4.000"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.836"	N/A	N/A		+/- .010"	0.831"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	R.062"	N/A	N/A		+/- .010"	0.062"	RADIUS GAUGE			PER DWG	PER QSI 001, 012, 018 And QSP 008	

* Note: Identify Key Characteristics (KC) With an Asterisk (*).

AS9102 First Article Inspection
Form 1: Part Number Accountability

Sheet 1 of 4

1a Supplier Code 5030341	1b Supplier Name Dart Aerospace LTD			1c Date Submitted October 28 th , 2015	1d Control Number ☒ 1 st Level ☐ Other Level
2a Detail or 1st Level Assy. Part No. D120-637-012	2b Rev E	2c Part Name EC 120 Heli-Access Step RH	2d S.S. Req'd. B136956	2e FAI Complete (Date) October 21 st , 2015	

- a) if above is a DETAIL drawing, go to the next page "Raw Material/Special Process/Functional Test"
- b) if the 1st level drawing is an assembly drawing with no 2nd level assembly drawing, go to the "INDEX" section below.
- c) if there are 3 or more levels of drawings note the 2nd level assembly drawing, then to "Index" section below.

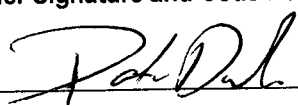
3a 2nd Level Assembly Part Number D2610-042	3b Rev. E	3c Part Name Step Assembly RH	3d S.S. Req'd. B136962	3e FAI Complete (Date) October 21 st , 2015
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Index of Part Numbers Required To Make The 1st or 2nd Level Assemblies Noted Above
List the level of all drawings, start with the Level 1 ASSEMBLY drawing.
List all sub-tier drawings following the next higher level drawing under which they appear.

4a Dwg Level	4b Part No.	4c Rev No	4d Control Number	4e Part Name	4f Supplier	4g S.S. Req.	4h FAI Complete Ck if in this Report
3rd	D2674-3	B	B15110	Nut Plate	N/A	N/A	YES
3rd	D2682-041	B	B15738	Support Plate	N/A	N/A	YES
3rd	D2683-041	C	B15168	End Plate	N/A	N/A	YES
3rd	D2613	B	B15004	Lug Ec 120 Step	N/A	N/A	YES
3rd	D2669-45	A	B137402	End Plate	N/A	N/A	YES

☒ See additional pages

5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition

Customer Signature and Code Number (if applicable) DAS 9 	Review Date	Customer Comments
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AS9102 First Article Inspection

Form 2: Product Accountability – Raw Material, Special Process, Functional Testing

1a Highest Level Part Number This Page D2610-042		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 4
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2622-120C	D2622 per QQ-A-200/8	B130161 / PO27690		PER QSI 009, 011, 012 and PER QSP 006, 008,010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044 METHOD
	WEIGHT OF PART	PER DWG. 10.5 lbs.		PER QSI009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration		3c Functional Testing Describe Frequency, Criteria	
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

Page 3 of 4		AS9102: FAI Form 3: Characteristic Accountability, Verification and Compatibility Evaluation						1e Control No. F.A.I.R. D120-637-012			
1a Part Number: D2610-042		1f FAI ☒ ☐ Other: Date: October 21 st , 2015 Case Records:		1g Dwg. Rev.: E		1h Product Acceptance Plan					
1b Supplier: Dart Aerospace LTD				CIDs.: N/A		Date:	Rev:	By:	To:	Description:	
1c Customer Supplier Code: 5030341				Prepared by: Patrick Duval							
1d Dwg Rev: E CIDs: N/A				Customer Review:							
2 Characteristic Accountability				3 Inspection / Test Results			4 Product Acceptance			5 Compatibility Evaluation	
2a Char No *	2B Drawing Requirement	2c Zone	2d Class	3a Results (Variable Data)	3b Measurement Equipment		4a Op. No.	4b. Accept Plan	4c Justification for <100% Evaluation	5a Supplier Process Document Requirement	5b Same Y/N
					FAI	Production					
	104.45"	N/A	N/A	+/- .030"	104.45"	Tape Measure			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	45°	N/A	N/A	+/- 1/2°	45°	Bevel Protractor			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.098"	N/A	N/A	+0.005 -.001"	0.098"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.15"	N/A	N/A	+/- .030"	0.15"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	1.000"	N/A	N/A	+/- .010"	1.000"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.191"	N/A	N/A	+0.005 -.001"	0.191"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.385"x100° c'sink	N/A	N/A	+0.005 -.001" +/- 1/2°	0.385"x100°	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	1.25"	N/A	N/A	+/- .030"	1.22"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	1.60"	N/A	N/A	+/- .030"	1.63"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	1.41"	N/A	N/A	+/- .030"	1.415"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.42"	N/A	N/A	+/- .030"	0.42"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.750"	N/A	N/A	+/- .010"	0.750"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	R 0.125"	N/A	N/A	+/- .010"	0.125"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.170"x100° c'sink	N/A	N/A	+0.005 -.001" +/- 1/2°	0.170"x100°	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	

* Note: Identify Key Characteristics (KC) With an Asterisk (*).

Page 4 of 4				AS9102 FAI: Characteristic Accountability, Verification and Compatibility Evaluation Continuation of Form 3							1e Control No. F.A.I.R. D120-637-012	
1a Part Number: D2610-042											Supplier: Dart Aerospace LTD 5030341	
2 Characteristic Accountability					3 Inspection / Test Results			4 Product Acceptance			5 Compatibility Evaluation	
2a Char No *	2B Drawing Requirement	2c Zone	2d Class		3a Results (Variable Data)	3b Measurement Equipment		4a Op. No.	4b. Accept Plan	4c Justification for <100% Evaluation	5a Supplier Process Document Requirement	5b Same Y/N
						FAI	Production					
	Ø.170"x100° c'sink	N/A	N/A		+0.005 -.001" +/- 1/2°	0.170"X100°	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.31"	N/A	N/A		+/- .030"	0.29"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	1.25"	N/A	N/A		+/- .030"	1.24"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	9.00" (ref)	N/A	N/A		+/- .030"	9.00"	Tape Measure			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	3.375"	N/A	N/A		+/- .010"	3.374"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	89.20"	N/A	N/A		+/- .030"	89.191"	Tape Measure			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	2.875"	N/A	N/A		+/- .010"	2.281"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.098"	N/A	N/A		+0.005 -.001"	0.098"	ED-6 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	

* Note: Identify Key Characteristics (KC) With an Asterisk (*).

Sheet 1 of 3

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AS9102 First Article Inspection**Form 2: Product Accountability – Raw Material, Special Process, Functional Testing**

1a Highest Level Part Number This Page D2674-3		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2674-3	2024-T3S0.063 QQ-A-250/4 or AMS4037	M123096 / PO17814		PER QSI 009, 011, 012 and PER QSP 006, 008, 010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044 METHOD
	WEIGHT OF PART	PER DWG. N/A		PER QSI 009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration		3c Functional Testing Describe Frequency, Criteria	
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

* Note: Identify Key Characteristics (KC) With an Asterisk (*).

Sheet 1 of 4

 See additional pages

5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition

Customer Signature and Code Number (if applicable)

Review Date

Customer Comments

DAS
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9-89

AS9102 First Article Inspection

Form 2: Product Accountability – Raw Material, Special Process, Functional Testing

1a Highest Level Part Number This Page D2682-041		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 4
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2682-041	6061-T6B3.50x2.50 QQ-A-200/8 or ASTM B221	M125272 / PO19526		PER QSI 009, 011, 012 and PER QSP 006, 008,010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044
	WEIGHT OF PART	PER DWG. .15 lbs.		PER QSI009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration		3c Functional Testing Describe Frequency, Criteria	
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

AS9102: FAI Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

1e Control No.
F.A.I.R. D120-637-012

1a Part Number: D2682-041				1f FAI ☒ ☐ Other: Date: October 21 st , 2015 Case Records:		1g Dwg. Rev.: B		1h Product Acceptance Plan				
1b Supplier: Dart Aerospace LTD						CIDs.: N/A		Date:	Rev:	By:	To:	Description:
1c Customer Supplier Code: 5030341						Prepared by: Patrick Duval						
1d Dwg Rev: B CIDs: N/A						Customer Review:						
2 Characteristic Accountability					3 Inspection / Test Results			4 Product Acceptance			5 Compatibility Evaluation	
2a Char No *	2B Drawing Requirement	2c Zone	2d Class		3a Results (Variable Data)	3b Measurement Equipment		4a Op. No.	4b. Accept Plan	4c Justification for <100% Evaluation	5a Supplier Process Document Requirement	5b Same Y/N
						FAI	Production					
	1.125"	N/A	N/A		+/- .010"	1.129"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.438"	N/A	N/A		+/- .010"	0.439"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	1.230"	N/A	N/A		+/- .010"	1.225"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø191"	N/A	N/A		+ .005" - .001"	0.191"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.125"	N/A	N/A		+/- .010"	0.126"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.875"	N/A	N/A		+/- .010"	0.887"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.100"	N/A	N/A		+/- .010"	0.105"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	2.400"	N/A	N/A		+/- .010"	2.404"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.500"	N/A	N/A		+/- .010"	0.501"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	2.000"	N/A	N/A		+/- .010"	2.007"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.315"	N/A	N/A		+ .005" - .000"	0.317"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.100" (REF)	N/A	N/A		+/- .010"	0.100"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	R.125"	N/A	N/A		+/- .010"	0.125"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	24.9°	N/A	N/A		+/- 1/2°	24.9°	BEVEL PROTRACTOR			PER DWG	PER QSI 001, 012, 018 And QSP 008	

Page 4 of 4					AS9102 FAI: Characteristic Accountability, Verification and Compatibility Evaluation Continuation of Form 3						1e Control No. F.A.I.R. D120-637-012	
1a Part Number: D2682-041											Supplier: Dart Aerospace LTD 5030341	
2 Characteristic Accountability					3 Inspection / Test Results			4 Product Acceptance			5 Compatibility Evaluation	
2a Char No *	2B Drawing Requirement	2c Zone	2d Class		3a Results (Variable Data)	3b Measurement Equipment		4a Op. No.	4b. Accept Plan	4c Justification for <100% Evaluation	5a Supplier Process Document Requirement	5b Same Y/N
						FAI	Production					
	1.165"	N/A	N/A		+/- .030"	1.170"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.983"	N/A	N/A		+/- .010"	0.982"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.125"	N/A	N/A		+/- .010"	0.125"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	1.000"	N/A	N/A		+/- .010"	1.009"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.900"	N/A	N/A		+/- .010"	0.905"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.098"	N/A	N/A		+ .005" - .001"	0.098"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.250"	N/A	N/A		+ .005" - .001"	0.251"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	.100"	N/A	N/A		+/- .010"	0.101"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.180"x100° c'sink	N/A	N/A		+ .005" - .001" +/- 1/2°	0.180"x100°	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.344"	N/A	N/A		+/- .010"	0.346"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.257"	N/A	N/A		+ .005" - .001"	0.260"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	

* Note: Identify Key Characteristics (KC) With an Asterisk (*).

Sheet 1 of 3

1a Supplier Code 5030341		1b Supplier Name Dart Aerospace LTD		1c Date Submitted October 28 th , 2015		1d Control Number ☒ 1 st Level ☐ Other Level	
2a Detail or 1 st Level Assy. Part No. D2610-042		2b Rev E	2c Part Name EC 120 Heli-Access Step RH	2d S.S. Req'd. B136962	2e FAI Complete (Date) October 21 nd , 2015		
a) if above is a DETAIL drawing, go to the next page "Raw Material/Special Process/Functional Test" b) if the 1st level drawing is an assembly drawing with no 2nd level assembly drawing, go to the "INDEX" section below. c) if there are 3 or more levels of drawings note the 2nd level assembly drawing, then to "Index" section below.							
3a 2 nd Level Assembly Part Number D2683-041		3b Rev. C	3c Part Name End Plate		3d S.S. Req'd. B15168	3e FAI Complete (Date) October 21 nd , 2015	
Index of Part Numbers Required To Make The 1st or 2nd Level Assemblies Noted Above List the level of all drawings, start with the Level 1 ASSEMBLY drawing. List all sub-tier drawings following the next higher level drawing under which they appear.							
4a Dwg Level	4bPart No.	4c Rev No	4d Control Number	4e Part Name	4f Supplier	4g S.S. Req.	4h FAI Complete Chk if in this Report
2nd	D2683-041	C	B15168	End Plate	N/A	N/A	YES
☒ See additional pages							
5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition							
Customer Signature and Code Number (if applicable)				Review Date	Customer Comments		
DAS 9 9-99 [Signature]							

AS9102 First Article Inspection**Form 2: Product Accountability – Raw Material, Special Process, Functional Testing**

1a Highest Level Part Number This Page D2683-041		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2683-041	6061-T6B3.50x2.50 QQ-A-200/8 or ASTM B221	M125272 / PO19526		PER QSI 009, 011, 012 and PER QSP 006, 008, 010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044 METHOD
	WEIGHT OF PART	PER DWG. .14 lbs.		PER QSI009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration	3c Functional Testing Describe Frequency, Criteria		
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

Page 3 of 3				AS9102: FAI Form 3: Characteristic Accountability, Verification and Compatibility Evaluation						1e Control No. F.A.I.R. D120-637-012		
1a Part Number: 2683-041				1f FAI ☒ ☐ Other: Date: October 21 st , 2015 Case Records:		1g Dwg. Rev C		1h Product Acceptance Plan				
1b Supplier: Dart Aerospace LTD						CIDs.: N/A		Date:	Rev:	By:	To:	Description:
1c Customer Supplier Code: 5030341						Prepared by: Patrick Duval						
1d Dwg Rev: C CIDs: N/A						Customer Review:						
2 Characteristic Accountability					3 Inspection / Test Results			4 Product Acceptance			5 Compatibility Evaluation	
2a Char No *	2B Drawing Requirement	2c Zone	2d Class		3a Results (Variable Data)	3b Measurement Equipment		4a Op. No.	4b. Accept Plan	4c Justification for <100% Evaluation	5a Supplier Process Document Requirement	5b Same Y/N
						FAI	Production					
	0.750"	N/A	N/A		+/- .030"	0.769"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.125"	N/A	N/A		+/- .030"	0.123"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	R.125"	N/A	N/A		+/- .030"	0.125"	RADIUS GAUGE			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	2.824"	N/A	N/A		+ .000" - .010"	2.819"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	1.412"	N/A	N/A		+/- .010"	1.410"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	R.250"	N/A	N/A		+/- .010"	0.250"	RADIUS GAUGE			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	2.324"	N/A	N/A		+ .000" - .010"	2.319"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.344"	N/A	N/A		+/- .010"	0.344"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	1.230"	N/A	N/A		+/- .010"	1.231"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	0.439"	N/A	N/A		+/- .010"	0.440"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.098"	N/A	N/A		+ .005" - .001"	0.098"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	
	Ø.250"	N/A	N/A		+ .005" - .001"	0.252"	QCI-07 CALIPER			PER DWG	PER QSI 001, 012, 018 And QSP 008	

* Note: Identify Key Characteristics (KC) With an Asterisk (*).

Sheet 1 of 3

1a Supplier Code 5030341		1b Supplier Name Dart Aerospace LTD		1c Date Submitted October 28 th , 2015		1d Control Number ☒ 1 st Level ☐ Other Level	
2a Detail or 1 st Level Assy. Part No. D2610-042		2b Rev E	2c Part Name EC 120 Heli-Access Step RH	2d S.S. Req. B136962	2e FAI Complete (Date) October 21 st , 2015		
a) if above is a DETAIL drawing, go to the next page "Raw Material/Special Process/Functional Test" b) if the 1st level drawing is an assembly drawing with no 2nd level assembly drawing, go to the "INDEX" section below. c) if there are 3 or more levels of drawings note the 2nd level assembly drawing, then to "Index" section below.							
3a 2 nd Level Assembly Part Number D2613		3b Rev. B	3c Part Name Lug		3d S.S. Req. B15004	3e FAI Complete (Date) October 21 st , 2015	
Index of Part Numbers Required To Make The 1st or 2nd Level Assemblies Noted Above List the level of all drawings, start with the Level 1 ASSEMBLY drawing. List all sub-tier drawings following the next higher level drawing under which they appear.							
4a Dwg Level	4bPart No.	4c Rev No	4d Control Number	4e Part Name	4f Supplier	4g S.S. Req.	4h FAI Complete Ck if in this Report
2nd	D2613	B	B15004	Lug	N/A	N/A	YES
☒ See additional pages							
5. Customer Quality review; All Characteristics Accounted For; Meet Drawing or are Properly Documented for Disposition							
Customer Signature and Code Number (if applicable)				Review Date		Customer Comments	
DAS 9 9-89 [Signature]							

AS9102 First Article Inspection**Form 2: Product Accountability – Raw Material, Special Process, Functional Testing**

1a Highest Level Part Number This Page D2613		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2613	6061-T6S0.125 QQ-A-250/11 or AMS4027	M121473 / PO16758		PER QSI009, 011, 012 and PER QSP006, 008, 010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG.		PER QSI 044 METHOD
	WEIGHT OF PART	PER DWG. .04 lbs.		PER QSI009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration	3c Functional Testing Describe Frequency, Criteria		
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

Sheet 1 of 3

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AS9102 First Article Inspection**Form 2: Product Accountability – Raw Material, Special Process, Functional Testing**

1a Highest Level Part Number This Page D2669-45		1b Supplier Name & Customer Supplier Code Dart Aerospace LTD 5030341 Prepared by: Patrick Duval		Sheet 2 of 3
2a Part Number (s) to which Material/ Process Applies	2b Material Identity or Special Process (with code)	2c Source: List Customer Supplier Code if Required	2d Cust. Approval Expiration Date	2e Control, Special Procedures Methods, Frequency, Approved Options
D2669-45	M6061-T6S0.063" 6061-T6 Sheet QQ-A-250/11 or AMS-QQ-A-250/11	M132358 / PO28532		PER QSI 009, 011, 012 and PER QSP 006, 008,010
	IDENTIFY WITH DART P/N, REVISION, BATCH NUMBER AND DATE OF MANUFACTURE	PER DWG		PER QSI 044
	WEIGHT OF PART	PER DWG. .05 lbs.		PER QSI009, 011, 012 and PER QSP 006, 008, 010
3a Functional Test Type Applicable Part No.	3b Describe Testing & Controls, Equipment Type, Accuracy, Frequency of Calibration		3c Functional Testing Describe Frequency, Criteria	
4 Remarks All Dart Quality Systems Procedures (QSP) & Quality System Instructions (QSI) available at request				

